# OIPE VOTO SILES

### IN THE LIMITED STATES PATENT AND TRADEMARK OFFICE

Serial No.	10/764,345
Filing Date	
Confirmation No	
Inventorship	Liu
Applicant	Microsoft Corporation
Group Art Unit	<del>-</del>
Examiner	
Attorney's Docket No	MS1-1811US
Title: Watermarking via Quantization of Rational Statistics	s of Regions

## **INFORMATION DISCLOSURE STATEMENT**

References -- See Attached Form PTO-1449

### **REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Date: 6 4 -04

Respectfully submitted,

Kasey C. Christie Reg. No. 40,559

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	Substitute for form 1440A/RTO	9/	omplete if Known	
ſ	Substitute for form 1449-7-10	Application Number	10/764,345	7
	INFORMATION DISCLOSURE	Filing Date	Jan 23, 2004	7
	STATEMENT BY APPLICANT	First Named Inventor	Liu	7
1		Group Art Unit		
1	(use as many sheets as necessary)	Examiner Name		7

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Sheet

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				U.S. PATENT DOCI	JMENTS	
Examiner Initials*	Cite No.1	I Number	ocument Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,687,236		Moskowitz et al.	11/11/1997	, galob / ppdd
		6,314,192 B1		Chen et al.	11/06/2001	
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	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent Document  Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Kind Code <sup>5</sup> Name of Patentee or Cite  Applicant of Cited Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>			
			WO 99/60514		Massachusetts Instit. Tech.	11/25/1999					
			WO 02/37331 A1		Microsoft Corporation	05/10/2002					
			EP 1 253 784 A2		Microsoft Corporation	10/30/2002					
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO					Complete if Known			
					Application Number	10/764,345	<del>-</del>	
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STATEMENT BY APPLICANT				CANT	First Named Inventor	Liu		
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Sheet	2	of	2		Attorney Docket Number	MS1-1811US		

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
		M. KIVANC MIHCAK et al., "Blind Image Watermarking Via Derivation and Quantization of Robust Semi-Global Statistics," 2002 IEEE Int'l. Conference on Acoustics, Speech, & Signal Processing Proceedings (Cat. No. 02CH37334), Proceedings of Int'l. Conf. on Acoustics, 13-17 May, 2002, pp. IV-3453-IV3456, Vol. 4.				
		CHEN, Brian et al., "Achievable Performance of Digital Watermarking Systems," Multimedia Computing & Systems, 1999. IEEE Int'l. Conference on, Florence, Italy, 7-11 June 1999, Los Alamitos, CA, USA, IEEE Comput. Soc, US, 6/7/1999, pp. 13-18.				
		CHEN, B. et al., "Quantization Index Modulation Methods for Digital Watermarking and Information Embedding of Multimedia," Journal of VLSI Signal Processing Systems for Signal. Image, & Video Technology, Kluwer Academic Publishers, Dordrecht, NL, Vol. 27, No. 1/2, 2/2001, pp. 7-33.				
Examine		Date				
Signature		Considered				

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Please type a plus sign (+) inside this box Tunes the Paperwork Reduction Act of 1995, no person		Application Number	10/764,345
TRANSMITT	AL	Filing Date	Jan 23, 2004
FORM		First Named Inventor	Liu
(to be used for all correspondence afte	er initial filing)	Group Art Unit	
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Total Number of Pages in This Submi	ission	Attorney Docket Numbe	r MS1-1811US
	ENCL	OSURES (check	all that apply)  After Allowance Communication
Amendment / Reply After Final Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53	Petition Petition Provisic Change Address Termina Reques	ng-related Papers	Appeal Communication to Boar of Appeals and Interferences Appeal Communication to Grou (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): Form PTO-1449; reference copies (6) return receipt postcard
Firm	IRE OF APPLI	CANT, ATTORNEY, OR	AGENT
or Individual name Kasey G. Christie, I	Reg. No. 40,55	59	_
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# Under the Paperwork Reduction Act FEE TRANSMI for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Name (Print/Type)

Signature

Klazey C. Christie

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Application Number					
Filing Date	Jan 23, 2004				
First Named Inventor	Liu				
Examiner Name					
Art Unit					
Attorney Docket No.	MS1-1811US				

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)					
Check Credit card Money Other None			3. ADDITIONAL FEES					
Deposit Account:			Entity					
Deposit		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Account Number	12-0769	1051	130	2051	65	Surcharge - late filing fee or oath		
Deposit Account	Lee & Hayes, PLLC	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Name		1053	130	1053	130	Non-English specification		
The Director Is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
E Change 100(	additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee			1,840*	1805	1.840*	Requesting publication of SIR after		
to the above-identified deposit account.			1,010	1000	1,040	Examiner action	-	
FEE CALCULATION			110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE			420	2252	210	Extension for reply within second month		
Large Entity S		1253	950	2253	475	Extension for reply within third month		
	Fee Fee Fee Paid Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month		
	2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month		
1002 340	2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530	2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal		
1004 770	2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160	2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
	SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable		
			1,330	2453	665	Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			1,330	2501	665	Utility issue fee (or reissue)		
Total Claims	Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee		
Lindencondent			640	2503		Plant issue fee		
Claims			130	1460	130	Petitions to the Commissioner		
			50	1801	7 50	Processing fee under 37 CFR 1.17(q)		
Large Entity   Small Entity Fee Fee Fee Fee Fee Description			180	1806		Submission of Information Disclosure Stmt	<u> </u>	
Code (\$)	Code (\$)	8021	40	802	1 40	Recording each patent assignment per property (times number of properties)		
1202 18 1201 86	2202 9 Claims in excess of 20 2201 43 Independent claims in excess of 3	1809	770	2809	9 385	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290	2203 145 Multiple dependent claim, if not paid	1810	770	2810	n 385	For each additional invention to be		
1204 86	2204 43 ** Reissue independent claims				000	examined (37 CFR 1.129(b))		
	over original patent	1801		2801	385			
1205 18	2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 0.00			Other fee (specify)					
**or number	*Red	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00						
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(Attorney/Agent)

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